

FIG. 1

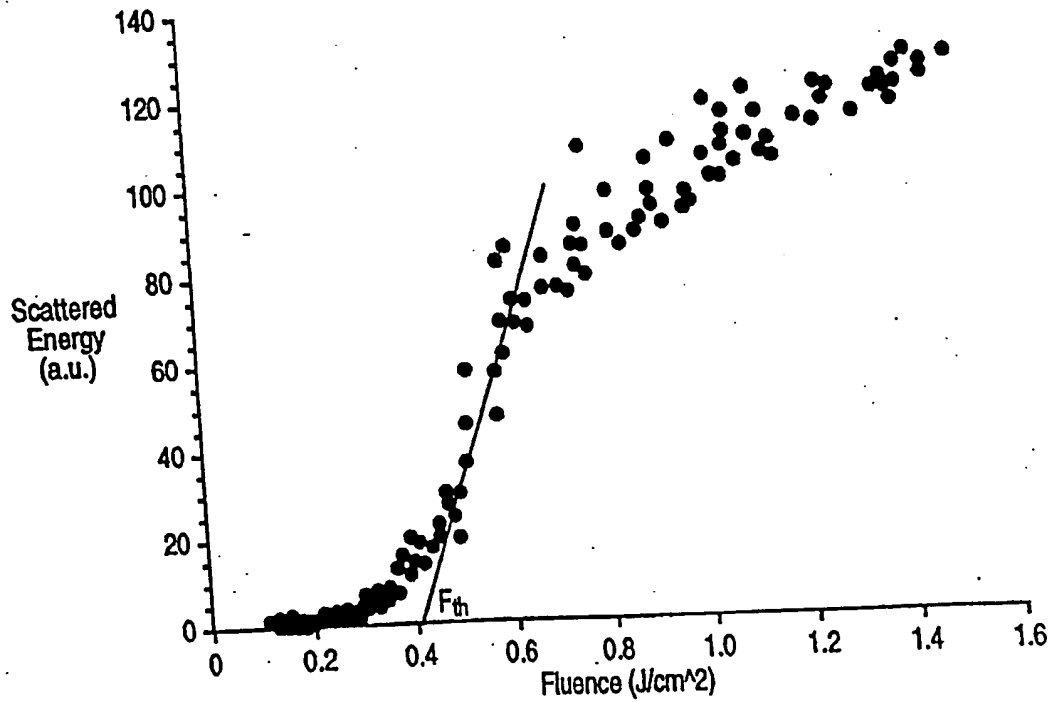


FIG. 2

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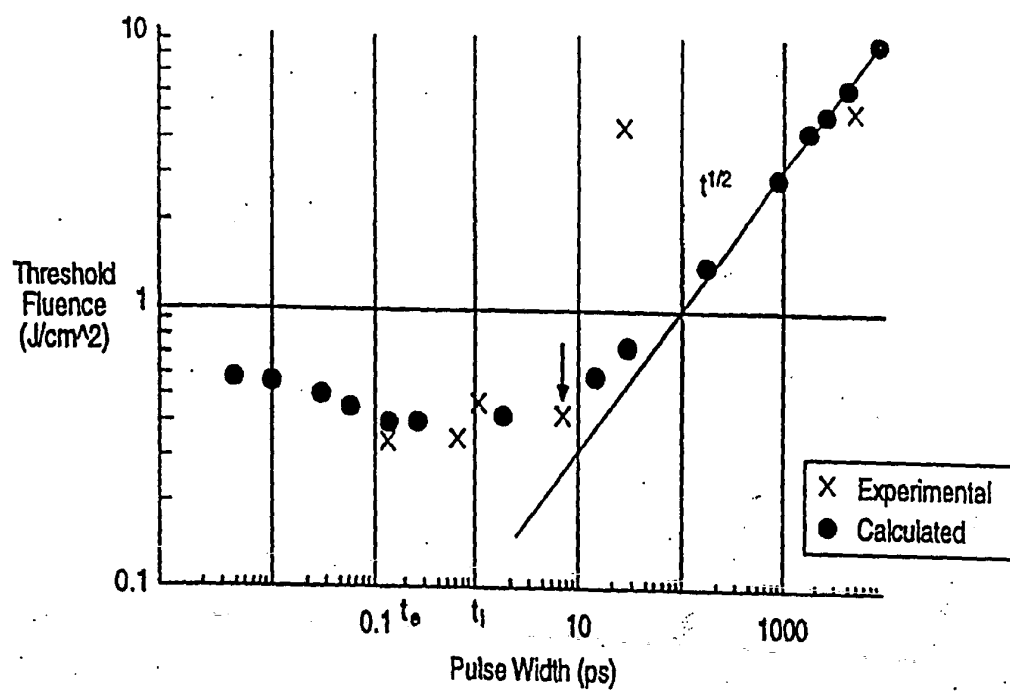


FIG. 3

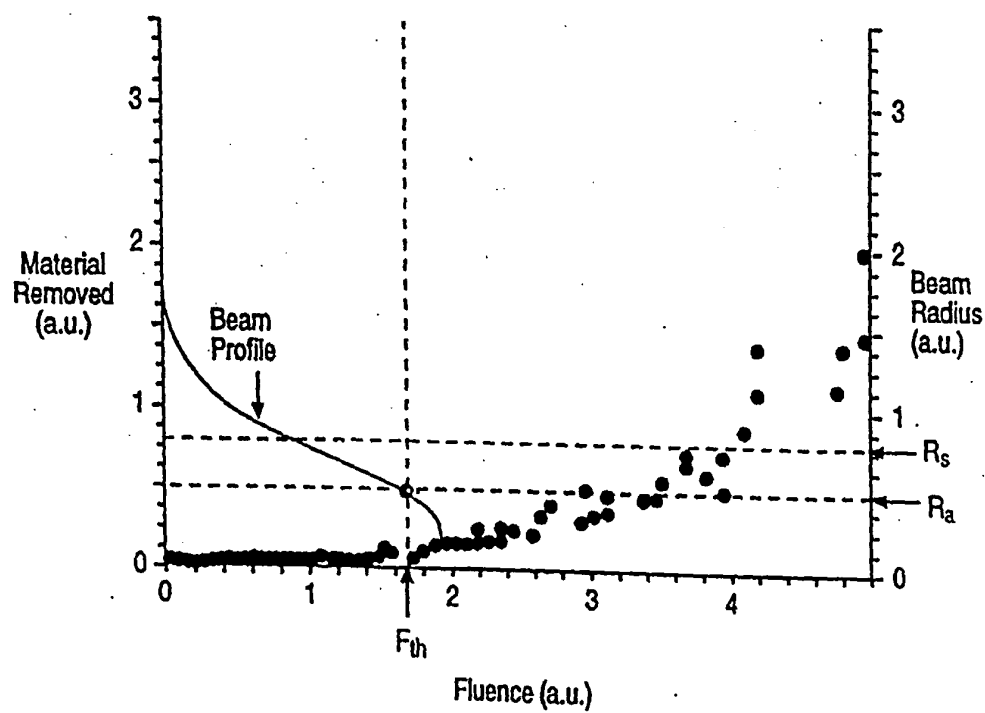


FIG. 4

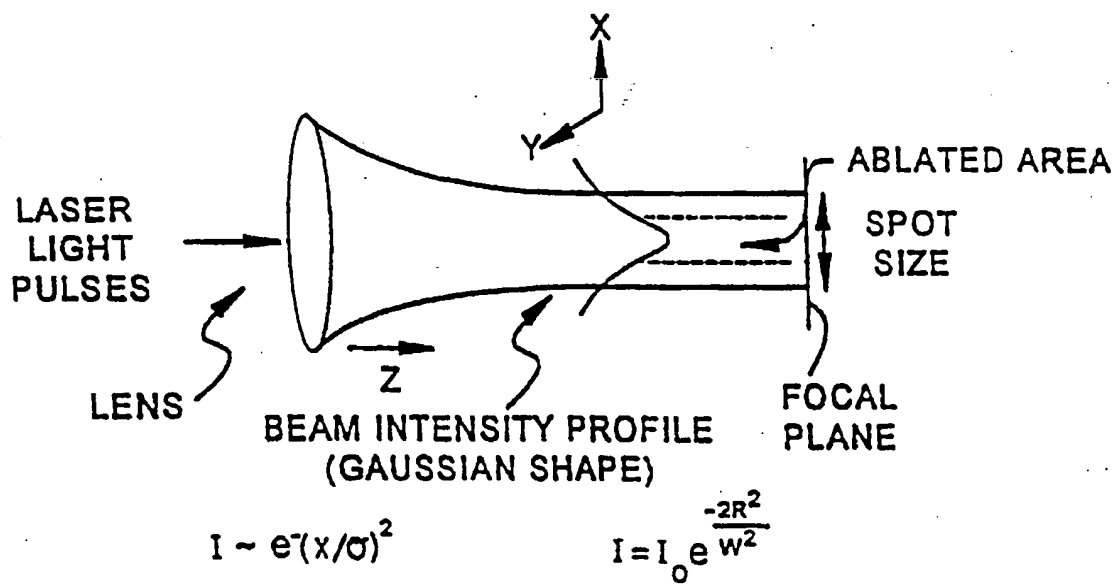
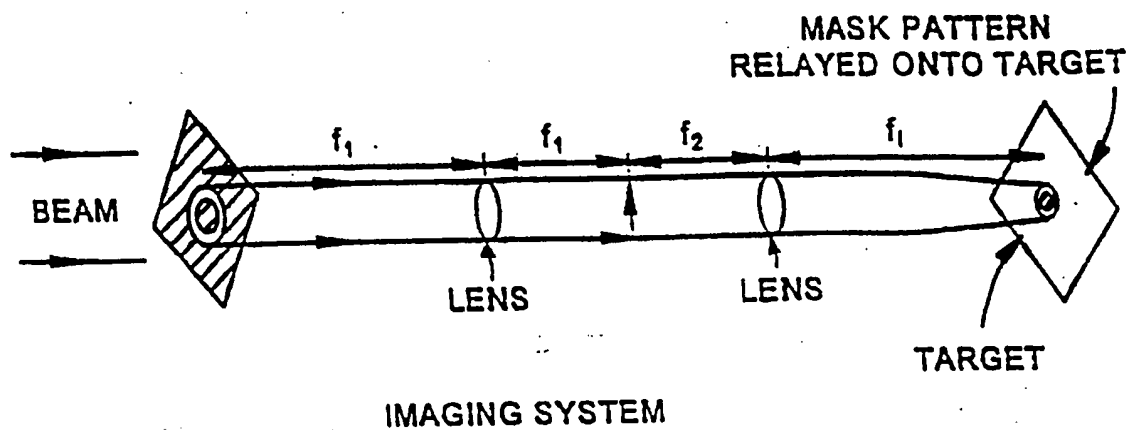


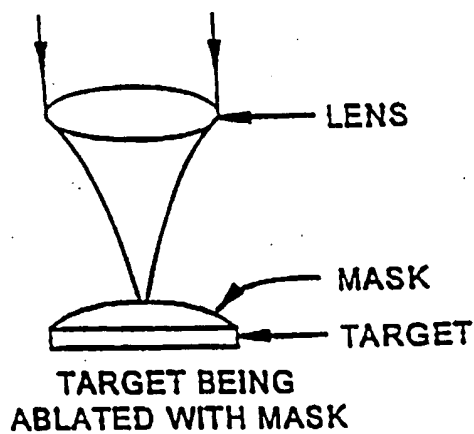
FIG.5

f_1, f_2 - FOCAL LENGTH OF LENSES
 $f_1 = mf_2$ WHERE m IS ARBITRARY



MASK - CROSS HATCHED AREAS
 ARE OPAQUE TO LASER WAVELENGTH

FIG.6A



TARGET AFTER ABLATION IS ESSENTIALLY
 IMAGE OF MASK.



FIG.6B

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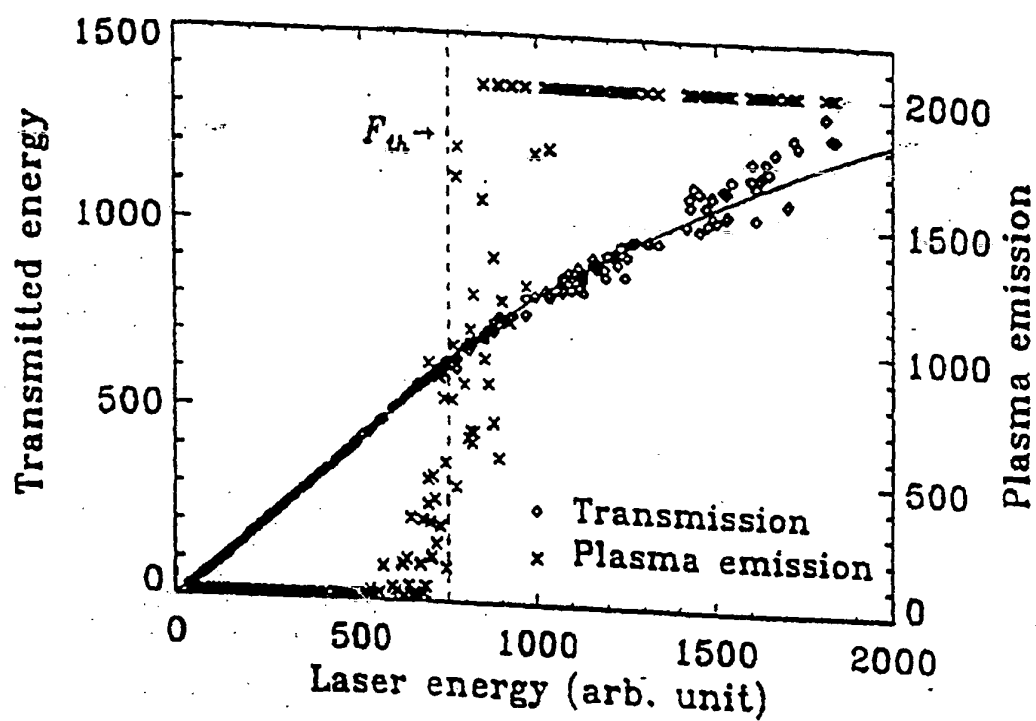


FIGURE 7

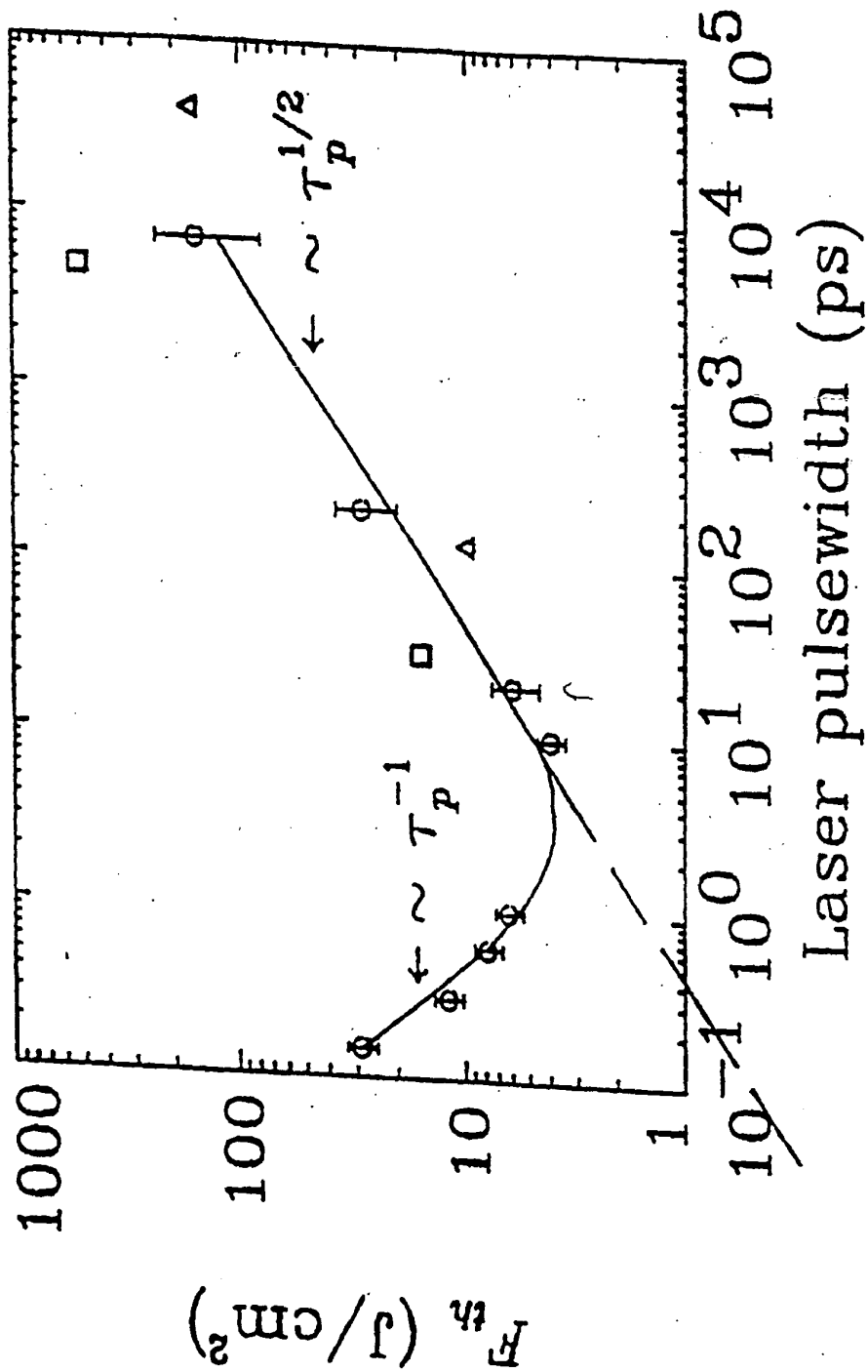


FIGURE 8

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DAMAGE THRESHOLD FOR CORNEA

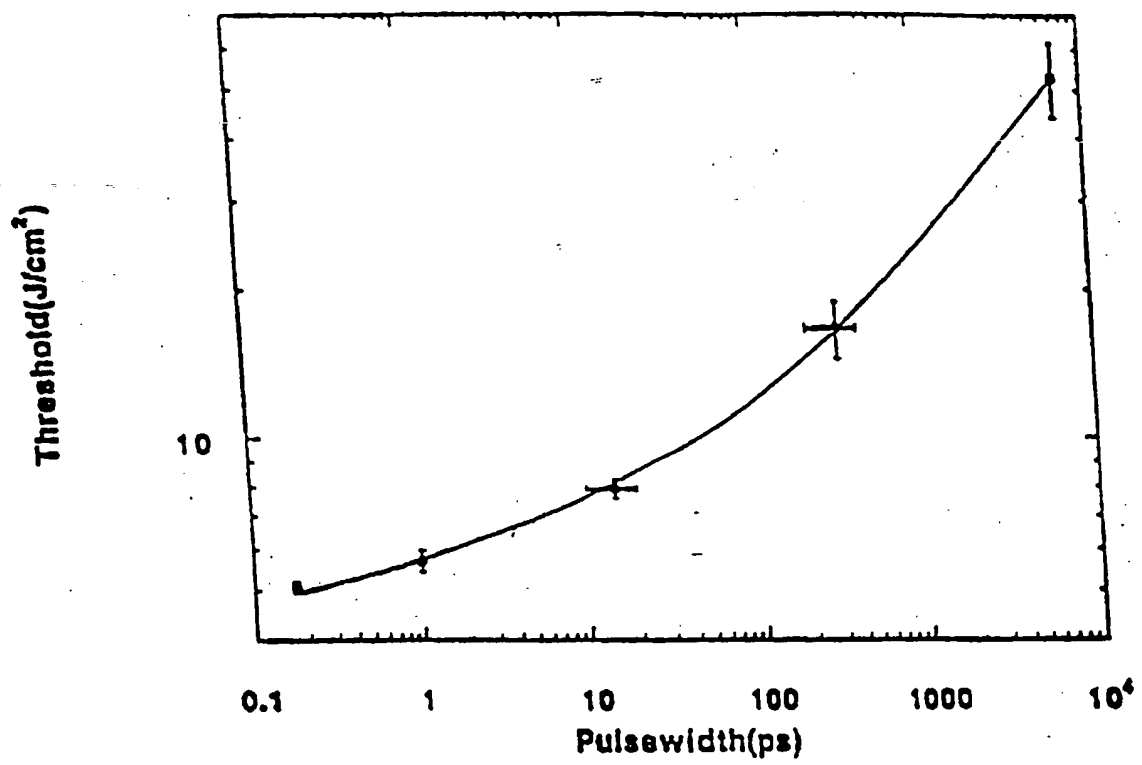


FIGURE 9

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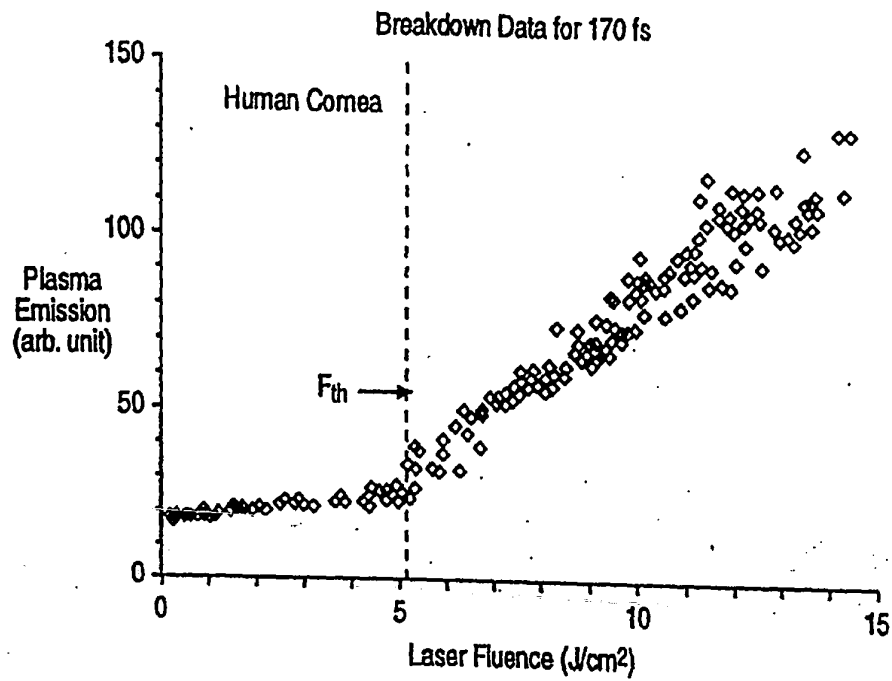


FIG. 10

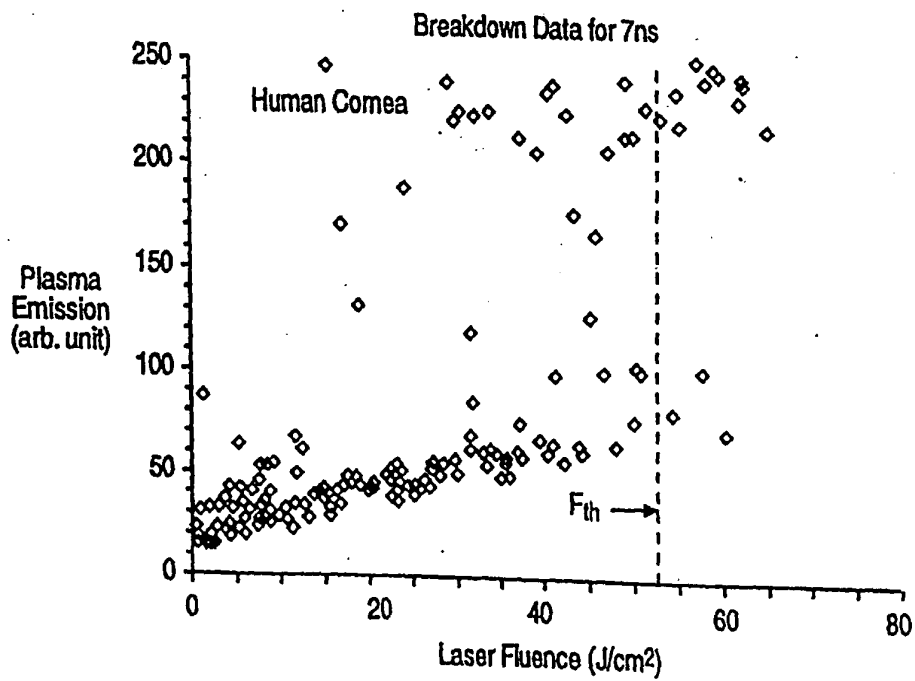


FIG. 11

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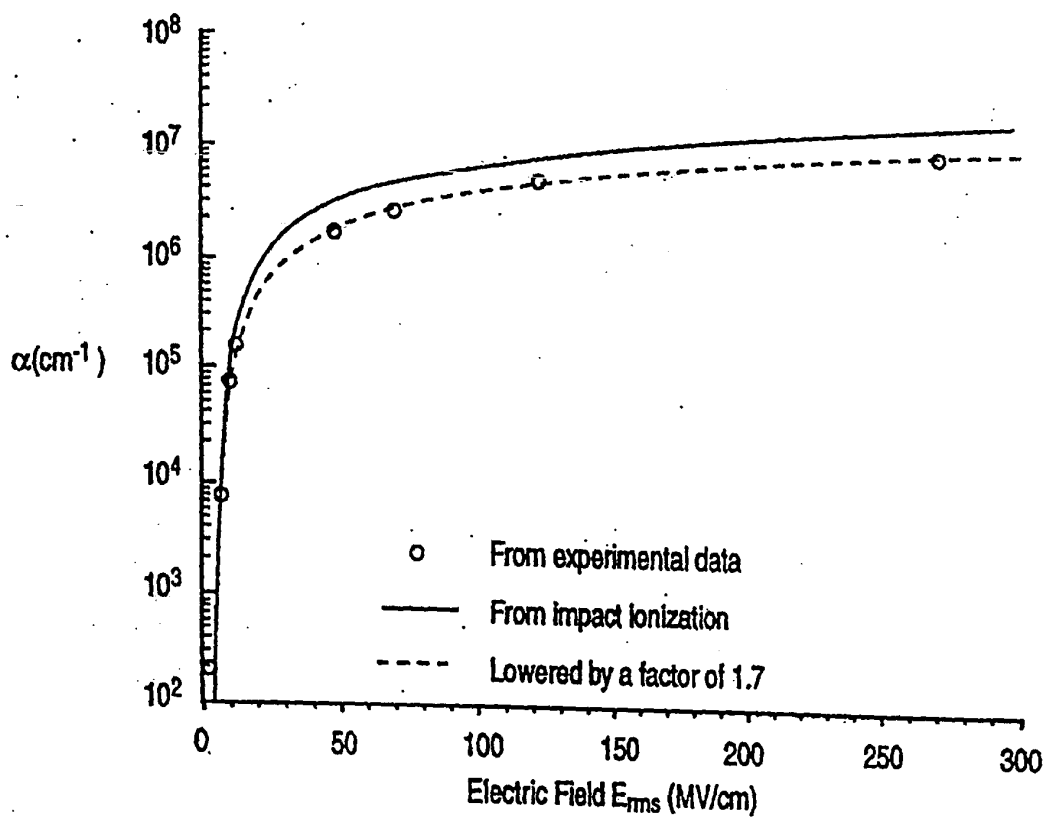


FIG.12

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DAMAGE ALONG THE Z AXIS

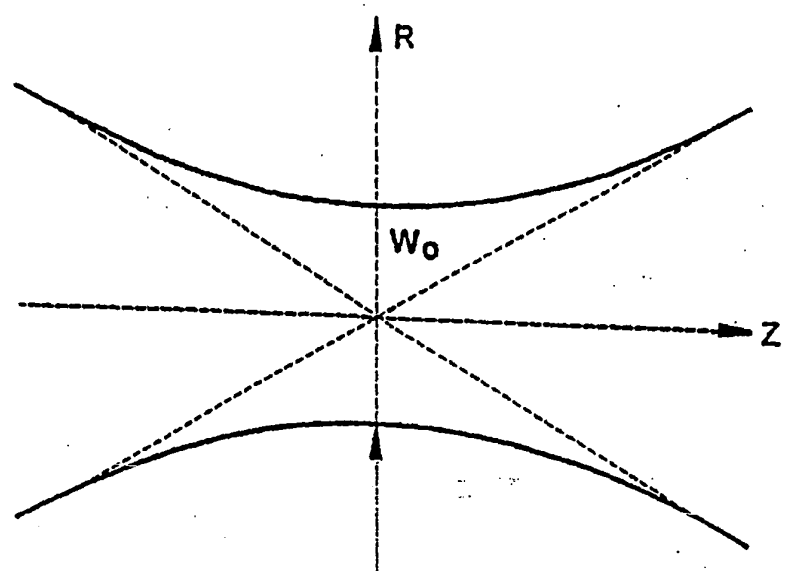


FIG.13A

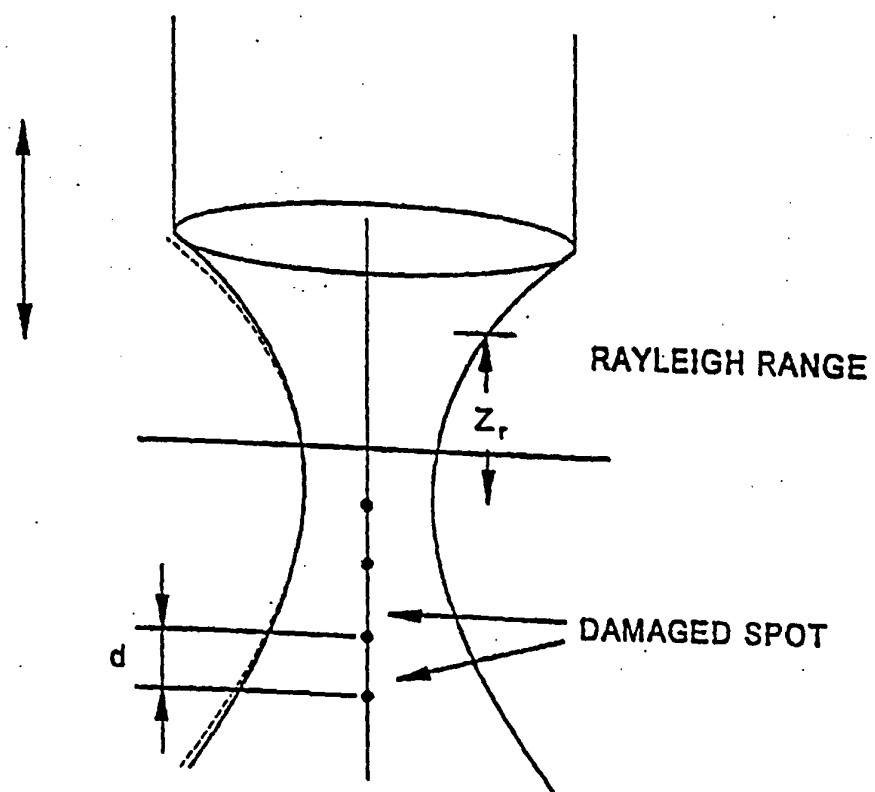


FIG.13B